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KALINKIN, Vladimir Sergoyevich; FETLER, Georgiy Oskerovich; SIMAYSII,
M.M., red.; SHIKIN, S.T., tekhn.red.; BORUMOV, N.I., tekhn.red.

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[Direct current motors for crane hoists; regulations on installation, maintenance, and repair] Kranovye elektrodvigateli postoiannogo toka; rukovodstvo po ustanovke, ukhodu i remontu. Moskva, Gos.energ.izd-vo, 1960. 62 p. (Kranovce elektrooborudovanie, no.4). (MIRA 13:7) (Electric cranes) (Electric motors, Direct current)

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SIMAYSKIY, M.M., red.; BORUNOV, N.I., tekhn.red.

[A.c. and d.c. brake electromagnets] Tormoznye elektromagnity
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(Cranes, derricks, etc.--Brakes) (MIRA 14:2)

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BELEN'KIY, G.I.; AREYTER, M.Ye.; IVANOV, V.M.; KALINKIN, V.S.;

HOZHUSHKEVICH, V.G.; FETRAKOVSKIY, V.M.; RABINOVICH, A.A.;

RUBINSKIY, I.A.; SINAYSKIY, M.M.; FEYLEA, G.O.;

KHOROSHILKIN, L.L.; KOMAR, M.A., red.; BUL'DYAYEV, N.A.,

tekhn. red.

AND RELIGIOUS AND RESIDENCE AND A STATE OF THE PROPERTY OF THE

[Electrical equipment of cranes] Elektricheskoe oborudovanie kranov. Moskva, Gosenergoizdet, 1963. 399 p. (MIRA 16:12)

1. Kollektiv inzhenerov moskovskogo zavoda "Dinano" imeni S.P.Kirova (for all exept Komar, bul'dyayev). (Cranes, derricks, etc.—Electric equipment)

SINAYSKIY, N.A., inzh.; MERKULOV, A.G., inzh.; SHARLOVSKAYA, M.S., kand. tekhn. nauk

Results of a reentgenographic analysis of power fuel ashes. Teploenergetika 11 no.12:65 D 164 (MIRA 18:2)

1. Knimiko-metallurgicheskiy institut Sibirskogo otdeleniya AN SSSR.

7(6) AUTHORS: Rovinskiy, B. M., Sinayskiy, V. M.

507/32-24-11-16/37

TITLE:

Preparation of the Plot Load - Deformation of the Crystal

Lattice" by the Method of Continuous Registration

(Polucheniye diagramm "nagruzka-deformatsiya kristalliches-

koy reshetki" metodom nepreryvnoy re istratsii)

PERIODICAL:

Zavodskaya Laboratoriya, 1958, Vol 24, Nr 11,

pp 1367 - 1370 (USSR)

ABSTRACT:

In contrast to the usual method, by which the deformation of the sample takes place stepwise and with each change of the load the sample is

X-rayed, the method reported here employs continuous X-raying on a moving film. The corresponding deforming load is recorded simultaneously and automatically on the X-ray film. The film holder with its film is turned by two SD, -2 synchronous motors. The steel case with the film solder is attached to the columns of the

TM -12A machine, to which the X-ray tube is also conveyed (Diagram, Figure). When a BSVL tube is used

an exposure time of about one hour is needed.

Card 1/3

unisukentarian pangkan mengkangan pangkan pangkan pangkan pangkan pangkan pangkan pangkan pangkan pangkan pang

Preparation of the rlot "Load-Deformation of the SOV/32-24-11-16,37 Crystal Lattice" by the Method of Continuous Registration

Correspondingly, the velocity at which the film turns and the velocity of deformation must be regulated to this period. From an X-ray picture of a finely granulated, cylindrical (diameter 15 mm) luraluminum sample which had been distended 0.3% and of layers of lines (511)(333) in the absorption of the K radiation of copper it is apparent that on the two symmetrical fields of the X-ray plate the K and K a.

doublet forms two curves which can be divided into four parts. The first section corresponds to the condition of the load, the second to the elastic distension, the third to the transition of the deformation into the plastic region, and the fourth part to the decomposition of the sample. In this last section the lattice parameter shows a greater value than in the initial condition, which points to a residual deformation of inverse sign. Among the advantages of the method described is the possibility to observe single crystals by X-raying coarsely crystalline samples.

Card 2/3

Preparation of the Plot "Load-Deformation of the 307/(2-24-1)=16/37 Crystal Lattice" by the Method of Continuous halistration

There are 5 figures and 4 ref or cos, 1 of which we Soviet.

ASSECTIATION: Institut mushinovedeniya Akademii nauk SSSR (Institute for Mashine Science, AS USSR)

Card 3/3

24(6)

PHASE I BOOK EXPLOITATION

sov/2385

Akademiya nauk SSSR

- Nekotoryye problemy prochnosti tverdogo tela; sbornik statey (Some Problems in the Strength of Solids; Collection of Articles) Moscow, Izd-vo AN SSSR, 1959. 386 p. Errata slip inserted. 2,000 copies printed.
- Ed. of Publishing House: V. I. Aver'yanov; Tech. Ed.: R. S. Pevzner;
 Editorial Board: A.F. Ioffe, Academician; G. V. Kurdyumov, Academician;
 S. N. Zhurkov, Corresponding Member, USSR Academy of Sciences; B. P.
 Konstantinov, Corresponding Member, USSR Academy of Sciences; F. F. Vitman,
 Loctor of Physical and Mathematical Sciences, Professor (Resp. Ed.); L. A.
 Glikman, Doctor of Technical Sciences, Professor; N. A. Zhatin, Doctor of
 Physical and Mathematical Sciences; V. A. Stepenov, Doctor of Technical
 Physical and Mathematical Sciences; V. A. Stepenov, Professor; B. S. Ioffe,
 Sciences; Ya.B. Fridman, Doctor of Technical Sciences, Professor; B. S. Ioffe,
 Candidate of Technical Sciences (Deputy Resp. Ed.).
- PURPOSE: This book is intended for construction engineers, technologists, physicists and other persons interested in the strength of materials.
- COVERAGE: This collection of articles was compiled by the Otdeleniye fizikomatematicheskikh nauk AN SSSR(Department of Physical and Mathematical Sciences) and the Fiziko-tekhnicheskiy institut AN SSSR (Institute of Applied Physics, Card 1/10

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Regel', V. R., and G.V. Berezhkova (Crystallography Institute, Academy of Sciences, USSR, Moscow). Effect of the Type of Stressed State on Flow-Curve Parameters of Some Plastics

375

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TM/fal 10-15-59

SINAYSKIY, V. M., Cand Tech Sci — (diss) "Research into residual oriented micro-stresses and their effect on mechanical properties of oriented micro-stresses and their effect on Sciences USSR, Inst of metals." Moscow, 1960. 15 pp; (Academy of Sciences USSR, Inst of metals." Moscow, 1960. 15 pp; (Academy of Sciences USSR, 17-60, 159) Machine Practices); 150 copies; price not given; (KL, 17-60, 159)

82624

s/180/60/000/004/019/027 E193/E483

18 8200

(Moscow) Lyuttsau, V.G. and Sinayskiy, V.M.

AUTHORS:

The Effect of Oriented Microstresses on the Relaxation

TITLE

Stability of Aluminium Under Repeated Loading

Card 1/2

PERIODICAL: Izvestiya Akademii nauk, SSSR, Otdeleniye tekhnicheskikh nauk, Metallurgiya i toplivo, 1960, No.4, pp.120-123

In one series of the experiments reported in the present paper, specimens of aluminium grade AV000 (annealed in vacuum at TEXT : 200°C for 90 min and consisting of grains of average size approximately 0.05 mm) were loaded in the elastic range, held under load at a constant strain for 200 h to allow relaxation to take place, unloaded and held in this condition for some time, after which the loading-relaxation-unloading cycle was repeated From the data on the variation of the crosssection of the specimens (whose total initial elongation during several times. the entire course of tests remained constant), relaxation curves for the elastic deformation in the direction of the applied load these are reproduced in Fig.1. The second series of experiments was identical except that the process of were constructed; relaxation was studied by accurate determination of the variation

82624 \$/180/60/000/004/019/027 E193/E483

The Effect of Oriented Microstresses on the Relaxation Stability of Aluminium Under Repeated Loading

of the lattice parameters by the X-ray back-reflection technique; the relaxation curves based on these data are reproduced in Fig. 2. It was inferred from the results obtained that during relaxation of macrostresses elementary slips, taking place in the crystallites, produce plastically deformed micro-volumes. Interaction between the elastically and plastically deformed micro-volumes leads to the formation of oriented micro-stresses, the existence of which is easily revealed by X-ray examination. On unloading, partial relaxation of the microstresses, revealed by a decrease in the residual strain of the specimens, takes place. On reloading, the presence of oriented microstresses results in the relaxation of macrostresses proceeding at a slower rate, Acknowledgments are i.e. in a decrease of the magnitude of k_1 . made to Professor B.M. Rovinskiy for directing the work. There are 3 figures and 4 Reference; 2 Soviet and 2 English.

SUBMITTED: December 1, 1959

Card 2/2

24547

S/179/61/000/002/015/017 E073/E535

18 8200 alss 2807

Rovinskiy, B.M. and Sinayskiy, V.M. (Moscow)

AUTHORS: The relation between oriented micro-stresses and TITLE:

residual irreversible deformation in metals

PERIODICAL: Izvestiya Akademii nauk SSSR, Otdeleniye tekhnicheskikh

nauk, Mekhanika i mashinostroyeniye, 1961, No.2,

pp.146-147

The results are described of experimental investigation of the residual deformation of the lattice, and consequently of the TEXT: oriented micro-stresses, on the magnitude of residual irreversible deformation of specimens made of steel 45 in pure compression and tension. After machining, the specimens were annealed in a vacuum furnace at 780°C and then deformed by means of the test machine UM-12A (IM-12A). One series of specimens was subjected to pure compression, the other to pure tension. The rate of deformation was 2 mm/min. The residual deformation of the lattice was measured by X-ray diffraction and is shown graphically as a function of the residual irreversible deformation of the specimens. The residual deformation of the lattice is taken as a measure of the Card 1/2

24547 \$/179/61/000/002/015/017 The relation between oriented ... E073/E535

oriented micro-stresses; it shows a maximum value at about 1% residual (plastic) deformation of the specimens. On further increase of the plastic deformation of the specimens, the residual deformation of the lattice falls continuously. The oriented micro-stresses are therefore at a maximum at plastic deformations of about 1%. Therefore, plastic deformations approaching 1% should be avoided if oriented micro-stresses have an adverse There are 1 figure and 6 references: 3 Soviet and 3 noneffect. Soviet.

Institut mashinovedeniya Akademii nauk SSSR ASSOCIATION :

(Institute of Science of Machines. Academy of

Science, USSR)

December 9, 1960 SUBMITTED:

Card 2/2

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28971 5/179/61/000/003/014/016 E073/E535

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AUTHORS:

Gal'perin, M.Ya., Rovinskiy, B.M. and Sinayskiy, V.M.

(Moscow)

On the influence of preliminary tensile plastic deformation on the fatigue strength of steel TITLE:

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Otdeleniye tekhnicheskikh nauk. Mekhanika i mashinostroyeniye, 1961,

No.3, pp.161-162

Most authors mention only an increase in the fatigue strength as a result of increasing work hardening produced by TEXT: applying tension. N. I. Chernyak (Ref.1: "Fatigue strength of preliminarily stretched steel". Symposium Tr. In-ta stroitel'noy mekhaniki AN UkrSSR, 1953) found that a small amount of plastic deformation by tension does not increase but lowers the fatigue of steel. For $\epsilon^p=1.0-2.0\%$ a minimum fatigue strength is reached, then the fatigue strength increases and for $\epsilon^p=12\%$ it reaches a value corresponding to that of undeformed steel. The work Х described in this paper was carried out for the purpose of

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On the influence of preliminary ... S/179/61/000/003/014/016
E073/E535

determining the relation between the magnitude of oriented residual microstresses occurring during plastic deformation in tension and the drop in the fatigue limit. Medium carbon steel. Steel 45, of 25 mm diameter was used in the tests, the mechanical characteristics of which were as follows:

$$\sigma_s = 39.8 \text{ kg/mm}^2, \quad \sigma_B = 66.0 \text{ kg/mm}^2$$

$$\delta_5 = 22.2\%$$
, $\psi = 4.89\%$, $\delta_{K} = 9.1 \text{ kgM/cm}^2$, $H_{B} = 152$

Several batches of specimens, 12 in each batch, were produced. The shape of the specimens was such that the same specimens could be used, without further machining, for the fatigue tests. The gauge length was 226 mm, the 20 mm long central section of which had a diameter of 8 mm, Fig.1. After machining to the desired size and surface quality the specimens were annealed in vacuo at 780°C for two hours and then allowed to cool together with the furnace. Following that, they were stretched at a rate of 2 mm/min within a range of 0 to 10%. For the gauge length the

Card 2/5

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On the influence of preliminary ... S/179/61/000/003/014/016
E073/E535

[2] 经企业经济企业的政策和1993年的发现的特殊的<mark>使用的</mark>1993年的经验的经验的经验的经验的经验的经验,现在现代的经验,但他可以已经会成为15年中的企业经济中的企业,他们不是在1993年的经验的企业。

error in measuring the length did not exceed 0.03%. The fatigue tests were carried out with a loading frequency of 3000/min for a total duration of 10' cycles. Prior to the fatigue tests, the oriented microstresses were determined by X-ray methods; two X-ray diffraction patterns were taken from the same spot, one before and one after loading. The obtained results are plotted in Fig. 2 and it can be seen that the maximum drop in the fatigue strength was achieved in the range of preliminary deformations of 1 to 2%, which is in good agreement with the results obtained by Chernyak (curve 3). The deviation between his results and the results of the authors of this paper (curve 1) is attributed to the fact that Chernyak did not anneal his specimens after machining. Fig.2 also gives the relation between the magnitude of the oriented microstresses σ_p (kg/mm²) and the magnitude of preliminary deformation (curve 27). It can be seen that this curve has a minimum approximately for the same range of plastic deformation as was observed for curve 1. The curves 1 and 2 show similarity for small plastic deformations; the influence of work hardening starts to manifest itself at $\epsilon^p=2\%$ which leads Card 3/5

23971 \$/179/61/000/003/014/016 On the influence of preliminary E073/E535

to an increase in the fatigue strength. The obtained results confirm the assumption of the decisive role of residual oriented microstresses on the fatigue strength. This is in good agreement with data published earlier by the authors (Ref. 6: Izv. AN SSSR. OTN. Mekhanika i mashinostroyeniye, 1961, No.2) on the relation between oriented microstresses and the residual plastic deformation. However, it is not as yet possible to propose a simple mechanical model of the phenomenon since the magnitude of the oriented microstresses is much greater than the drop in the fatigue limit. There are 2 figures and 6 Soviet references.

Institut mashinovedeniya AN SSSR ASSOCIATION:

(Institute of Machine Science AS USSR)

January 18, 1961 SUBMITTED

Card 4/5

5/179/62/000/003/010/015 E191/E435

Rovinskiy, B.M., Sinayskiy, V.M. (Moscow)

On the effect of the rate of deformation on the AUTHORS: magnitude of the residual oriented microstresses TITLE:

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Otdeleniye tekhnicheskikh nauk. Mekhanika i mashinostroyeniye,

no.3, 1962, 159-160

The magnitude of oriented microstresses has been previously related to the equivalent yield stress under reversed loading. Oriented microstresses have been shown to be mainly responsible for the reduction of the fatigue strength due to even a small prior plastic deformation. Standard cylindrical 0.45% carbon steel test pieces, provided with precisely machined longitudinal flat lands, to facilitate X-ray investigation, were examined. Carefully conducted tests in tensile testing machines covered a range of plastic deformation between 1.2 and 1.5% and a range of rates of deformation up to 30 mm/min. The magnitude or oriented microstresses increases several times within this range of speeds. To avoid oriented microstresses, which always have an adverse Card 1/2

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550720016-4 在我们的现在分词,我们们也是一个人,我们们也是一个人,我们们们的人,我们们们们们的人们的人们的人们的人,我们们们的人们,不是一个人的人们,不是一个人的人们们们们

s/179/62/000/003/010/015 E191/E435

On the effect of the rate ...

effect, minimum rates of deformation and materials with the least non-uniformity of structure should be used. There is I figure.

SUBMITTED: February 16, 1962

Card 2/2

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550720016-4"

THE RESERVE OF THE PROPERTY OF THE PARTY OF

SINAYSKIY, V.M. (Moskva); ROVINSKIY, B.M. (Moskva)

Residual stresses occuring during metal grinding. Izv.AN SSSR.Otd.tekh.nauk.Mekh.i mashinostr. no.3:142-145 My-Je '63.

(Strains and stresses) (Grinding and polishing)

(MIRA 16:8)

L 04290-67 EWT(m)/T/EWP(t)/ETI IJP(c) JD AP6018949 (N)SOURCE CODE: UR/0126/66/021/006/0929/0934 AUTHORS: Rovinskiy, B. M.; Sinayskiy, V. M.; Gal'perin, M. Ya. ORG: NII for Machine Design (NII mashinovedeniya) TITLE: Investigation of the stability of defects arising in metals due to metal SOURCE: Fizika metallov i metallovedeniye, v. 21, no. 6, 1966, 929-934 TOPIC TAGS: aluminum metallurgy, copper, x ray diffraction study, x ray scattering, ABSTRACT: The stability of fatigue defects in metals was studied on both aluminum and copper specimens. The study supplements the results of an earlier investigation by B. M. Rovinskiy and V. G. Lyutsau (FMM, 1961, 12, 305). The work was carried out by measuring the change in x-ray scattering/by the metal specimens in the fatigued and relaxed state. The effect of aging on the plasticity and durability of cyclically deformed copper was also studied. The experimental data obtained in this part of the investigation were treated after the method of N. N. Davidenkov and G. T. Nazarenko (ZhTF, 1953, 23, 741). The experimental results are presented graphically (see Fig. 1). It was found that the intensity of scattered x-rays is notably dependent on deformation of the crystal lattice (caused by the cyclical deformations) and on aging (connected with the relaxation of the deformed crystal Card 1/2UDC: 539.43:539.292

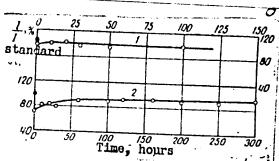
ACC NR:

AP6018949

Fig. 1. Integral intensity of the Debye
line (400) of cyclically deformed copper
as a function of aging period. Solid
dots represent the relative scattered

intensity for the specimens in the initial state. $1-10^7$ cycles $\sigma_{\text{max}} = 10 \text{ kg/mm}^2$;

 $2 - 10^6$ cycles $\sigma_{\text{max}} = 16 \text{ kg/mm}^2$; aging temperature - 80C.



lattice). The authors conclude that the vacancy and micropore defects heal with time, provided that the latter are smaller than λ (critical), that vacancies are coagulation of micropores smaller than λ (critical), and that a general specimens. Orig. art. has: 4 graphs.

SUB CODE: 11/ SUBM DATE: 02Jul65/ ORIG REF: 005/ OTH REF: 002

Care 2/2

5 14270-67

ACC NR. AP7003635

SOURCE CODE: UR/0360/67/000/001/0098/0101

AUTHORS: Rabotnov, Yu. N. (Moscow); Sinayskiy, V. M. (Moscow); Stepanychev, Ye. I. (Moscow)

ORG: none

TITLE: . A study of kinetics of the disintegration process of glass-reinforced plastic

SOURCE: Mashinovedeniye, no. 1, 1967, 98-101

TOPIC TAGS: Asolid kinetics, reinforced plastic, resin, tube, film, lens objective, photoapparatus, polyester plastic, plastic deformation, performance test / No. 21 resin, PN-3 polyester, Zenit photoapparatus, Industar 22 lens objective, BSV-2 radiation tube, RT-5 x-ray film

ABSTRACT: Kinetics of the disintegration process of glass-reinforced plastics based on resin No. 21 and on unsaturated polyester PN-3 (cold set) has been studied using transmitted light photography and absorption microroentgenography. The opecimens (30-mm wide rectangular strips) were cut from a sheet (0.6 mm thick) prepared from a single layer of fiber. The first study method, employing photoapparatus "Zenit" with objective "Industar 22," was used to investigate the development of cracks in the binder. The photographs were taken of specimens stretched at known load increments. X-ray diffraction study of the same specimen after removal of the load was conducted in the characteristic radiation of a copper anode at 8--9 ky issuing

Card 1/2

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from a BSV-2 tube, using domestic fine-grain x-ray film RT-5. It was established that, while increased load causes the appearance of a whole system of cracks (mainly perpendicular to the direction of the stretching) the microstructure of the filler is hardly affected by stretching up to the point of actual destruction of the specimen. The specimens of the materials were obtained from R. Ya. Ivanova (Leningrad). Orig. art. has: 3 figures.

是一个时间,我们是对于1000年的,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间 第一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们

SUB CODE: 11/ SUBM DATE: none

Card 2/2

PARCISIMOV, V.F.; BUTKEVICH, R.V.; SINAYSKIY, V.P.

Rock pressure in short wall mining of flat seams in Kuznetsk Basin mines. Vop. gor. davl. no.7:52-65 '61. (MIRA 18:7)

Vnatitut gornogo dela AN SSSR im. A.A.Skochinakogo.

BUTKEVICH, Reman Veniuminovich; BRAYTSEV, Andrey Vacilityevich; BAYKOV, Mikhail Aleksandrovich; SINAYSKIY, Viktor Pavlovich; PEREVERZEV, Narel' Petrovich; VESKOV, M.I., otv. red.

[Experience in short face mining of medium thickness flat seams] Opyt razrabotki pologikh plastov srednei moshchnosti korotkimi zaboiami. Moskva, TSentr. in-t tekhn. informatsii ugolinoi promyshl., 1962. 78 p.

(MIRA 17:7)

SINAYUK, David Aronovich; GONIKMAN, M.Ye., retsenzent; GRACHEVA, A.V., red.

[Ways to improve welted footwear; quality, material expenditure, and production methods] Puti sovershenstvovania rantovoi obuvi; kachestvo, materialoemkost', sposob proizvodstva. Moskva, Legakaia industriia, 1965. 179 p.

(MIRA 18:10)

1. Zamestitel' direktora po nauchnoy rabote Latviyskogo kompleksnogo nauchno-issledovatel'skogo instituta Gosudarstvennogo komiteta legkoy promyshlennosti pri Gosplane SSSR (for Gonikman).

Sinayskif, V.P., inzh.; Shirokov, A.P., inzh.

Using anchor bolts in mines of the Kuznetsk bosin. Bezop.truda v (MIRA 10:11) prom. 1 no.10:7-8 0 '57.

1. Vsesoyuznyy nauchno-issledovatel'akiy ugol'nyy institut. (Kuznetsk Besin--Mine timbering)

是一个人,我们可以开始的一个人的时间,我们的时间,我们就是一个人的时间,我们就是一个人的时间,我们就是一个人的时间,我们就是一个人的时间,我们就是一个人的时间,

SINAYSKIY, V. P., Cand Tech Sci -- (diss) "A Study of the Possibility of Reinforcing the Foundation Layer in the Exploitation of the Thick Steep Formations in the Kuzbass," Moscow, 1960: 15 pages. (Academy of Sciences USSR. Institute of Mining): 150 copies: price not given. (KL, 22-60, 139)

BUTKEVICH, R.V., kand.tekhn.nauk; BRAYTSEV, A.V., kand.tekhn.nauk; BAYKOV, M.A., kand.tekhn.nauk; PEREVERZEV, M.P., inzh.; SINAYSKIY, V.P., inzh.

等的的是我的<mark>是我们都们是可以需要的技术的实现,但可以是没有的</mark>是是不是的的,但可以是是不是是一个的,但是是是一个的,但是是是一个的,我们也不是一个的。

Using short working faces in medium-thick flat seams in the Kuznetsk Basin. Nauch. soob. IGD 17:64-71 '62. (MIRA 16:7) (Kuznetsk Basin--Coal mines and mining)

Some properties of a special operator with applications in the theory of creep. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 17 no.5:

(MIRA 18:3)

1. Dnepropetrovskiy gornyy institut.

117-122 164.

- 1. SINAYUK, D. A.; CAKATOVA, M. D.; MIKREYEVA, Ye. Yo.
- 2. USSR (600)
- 4. Shoe Industry
- 7. Role of middlesole in shoes, Leg. prom., 12, No. 11, 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953, Unclassified.

Greber, D. Exte p. 23. Polisin, Seffya,		onestian App	lucts. In	·•
t of Mast Emrope			10 Cat 19	255

L 7017-66 EWT(d)/EWP(v)/EWP(k)/EWP(h)/EWP(1)

ACC NRi AP5026786

SOURCE CODE: UR/0286/65/000/017/0071/0071

AUTHOR: Orlov, V. A.; Sinayuk, M. S.

30

ORG: none

TITLE: A protractor for measuring bevels. Class 42, No. 174372

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 17, 1965, 71

TOPIC TAGS: mechanical measuring tool, angle measurement instrument of

ABSTRACT: This Author's Certificate introduces a protractor for measuring bevels, especially for aircraft parts and shipbuilding equipment. The instrument contains a basic component with a reference plane and a sector scale, and also a rotating component with a vernier and a reference plane. The device is designed for automatic alignment on the surface of the component being measured. A variable bevel is measured without resetting the protractor by fitting out the rotating component with a spring which holds the instrument in the extreme position. The reference plane of the rotating member is mounted on a rocker.

UDC: 531.741 : 62-432.2

SUB CODE: IE/

SUBM DATE: 25Feb64/

ORIG REF: 000/

OTH REF: 000

Card 1/1

CIA-RDP86-00513R001550720016-4 "APPROVED FOR RELEASE: 08/23/2000

reconstruction of the contraction of the contractio

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USSR/General Biology - Genetics

B-5

Abs Jour : Ref Zhur - Biol., No 3, 1958, No 9569

: Belik, V.F., Sincha, K.P. Author

: Not Given Inst

: Effect of Paternal Forms on Inherited Properties of Hybrid Title

Melon Plants

Orig Pub : Nauchn. tr. Bykovsk. bakhchevoy opytn. st., 1957, No 4, 125-133

Abstract : A number of cases are given in which, in crossing of different

types of melons, the maternal line is followed. Among features inherited mainly from the maternal line these are indicated: length of vegetative period, relative content of solids in the fruit, degree of infection by fusariosis, Coloration of fruit rind, coloration of fruit meat and its consistency, seed types. The same instances of the maternal

line were noted also in squash hybridization.

: 1/1 Card

SINCHENKO, G.Z.

Combining electric communication and radio reception facilities leads to raised labor productivity. Vest.sviazi 15 no.10:14-16 0 '55. (MLRA 9:2)

1. Nachal'nik L'vovskogo oblastnogo upravleniya svyazi.
(Telecommunication) (Radio)

的种类性的原则,但是一种的一种的一种,但是一种的一种的一种,但是一种的一种,但是一种的一种,但是一种的一种,但是一种的一种,他们是一种的一种,他们是一种的一种,

SINCHENKO, G.Z.

Bfficiency innovators' work in the communication enterprises of Ukraine. Vest. sviazi 16 no.12:26-27 D '56. (MURA 10:2)

1. Zamestitel' ministra svyazi USSR. (Ukraine--Telecommunication)

SINCHENKO, G.Z. GERCHIKOV, Ye.Ya.; SERGEYEV, I.V., inzh.

Provide model telephone and telegraph communication between cities for the National Economy Councils (Sovnarkhoz). Vest. sviazi 17 no.11:17-18 N 157. (MIRA 10:12)

1. Zamestitel' ministra svyazi USSR (for Sinchenko). 2. Nachal'nik upravleniya elektrosvyazi i radiofikatsii Ministeretva svyazi USSR (for Gerchikov). 3. Arkhangel'skoye oblastnoye upravleniye svyazi (for Sergeyev).

(Telephone) (Telegraph)

Upsurge of efficiency innovators' work in communication enterprises of the Ukraine. Vest. sviazi 17 no.12:23-24 D *57. (MIRA 10:12)

1. Zamestitel' ministra svyazi USSR. (Ukraine--Telecommunication)

SINCHERKO, G.Z. [Sinohenko, H.Z.]

New developments in the technology of communication. Nauka i zhyttia 8 no.5:6-10 My '58. (MIRA 13:4)

1. Zamestitel' ministra svyazi USSR. (Radio relay systems) (Coaxial cables)

6(7) S0Y/111-59-5-25/32

AUTHOR: Sinchenko, G.Z., Deputy Minister of Communications

of the Ukrainian SSR

TITLE: The Experience of Communication Workers and Rational-

izers of the Ukraine

PERIODICAL: Vestnik svyazi, 1959, Nr 5, pp 29 - 30 (USSR)

ABSTRACT: In 1958, the communication workers of the Ukraine

submitted 11,318 improvement suggestions (those suggestions which were not processed in 1957 are included in this figure) and 9677 suggestions were accepted; of which 8755 suggestions found practical application. The Ukrainian Ministry of Communications is presently working on a plan of technical training subjects for communications employees. The training is to be conducted in a large technical workshop equipped with all types of communication equipment. The author cites a number of exam-

Card 1/2 ples of suggestions made: 1) telephone booths with

307/111-59-5-25/32

The Experience of Communication Workers and Rationalizers of the Ukraine

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automatic long-distance telephones were introduced at Yalta: 2) in Kiyev, an automat was designed for selling newspaper: 3) a portable device for measuring the attenuation of wire broadcast lines; 4) a transistorized underground cable locator and a transistorized wire broadcast relay transmitter with an output of 1.5-2 watts at 15 volts. The author points out that the rationalization work is still on a low level at a number of communication enterprises of the Ukrainian Ministry of Jommunications. Appropriate measures will be taken to improve the rationalization work at these enterprises. There is 1 photograph.

Jard 2/2

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Telecommunication in the seven-year plan. Hauka i zhyttja 9 no.7:12-15 Jl *59. (MIRA 12:11)

1. Zamestitel' ministra svyazi USSR. (Telecommunication)
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Use of reinforced concrete on Ukrainian communication
lines. Vest. sviazi 20 no.4:23-25 Ap '60. (MIRA 13:7)

1. Zamestitel' ministra svyazi USSR.
(Ukraine--Electric lines--Poles)
(Ukraine--Reinforced concrete construction)

SINCHENKO, G.Z. Mechanization of the Ukrainian postal enterprises. Vest. sviazi 21 no.4:24-26 Ap '61. 1. Ministr svyazi USSR. (Ukraine—Postal service)

SINCHENKO, G. [Sinchenko, H.]

With a speed of light. Nauka 1 zhyttia 11 no.2:1-3 F '62.

(MIRA 15:3)

1. Minstr svyazi USSR.

(Communication)

Regional agricultural administration centers should be provided with good telecommunication services. Vest. sviazi 22 no.9: (MIRA 15:9)

1. Ministr svyasi UkrSSR.

16-17 S '62.

是是更好**的关系被判决的。这种,我们就是一个人,我们们就是**对我们的,我们就是一个人,我们们就是一个人,我们们们就是一个人,我们们们就是一个人,我们们们们们们们们

(Telephone)

CIA-RDP86-00513R001550720016-4 "APPROVED FOR RELEASE: 08/23/2000

AU THORS:

Kukhtin, V. A., Kamay, Gil'm,

经营品的存在的建设的转换的联系。1980年中,1980年中国民国的政策中央工作的建设,1980年的1980年的1980年,1980年的1980年,1980年的1980年,1980年,1980年,1980年,1980年,1

20-3-24/59

Sinchenko, L. A.

TITLE:

Telomerization of Metacrylic Acid With Trialkylphosphites (Telomerizatsiya metakrilovoy kisloty s trialkilfosfitami).

PERIODICAL:

Doklady AN SSSR, 1958, Vol. 118, Nr 3, pp. 505-508 (USSR)

ABSTRACT:

The first two mentioned authors proved that (ref. 1) trialkylphosphites under the action α , β -unsaturated aldehydes and acids can be subjected to a regrouping according to Azbuzov. The authors continued research in this line and

stated that on certain conditions not one but several molecules of metacrylic acid can be combined with one molecule of trialkylphosphite, so that reaction in this case becomes telomerization. The reaction takes place without catalyst and at room temperature; triethylphosphite must be carefully purified (with sodium) and must have been subjected to fractioned distillation. The amount of the telomer however, also in this case is very small. Therefore a muitable catalyst had to be found. Benzoylperoxide proved to be the best catalyst. Depending on the quantitative ratio between

Card 1/3

initial component and catalyst telomers of different mean

Telomerization of Metacrylic Acid With Trialkylphosphites 20-3-24/59

molecular weight were formed. All telomers are white powders without significant melting point. They can be softened and carbonized when heated. When heated the telomers are soluble in methanol and acetic acid. The experimental results are collected in table 1. A diagram of the telomerization based on earlier works is given (ref. 1), although also another structure of the telomer is possible, It was not investigated here. In order to prove the diagram suggested an equimolar mixture of triethylphosphite and metacrylic acid was stored at room temperature until triethylphosphite had disappeared completely. In this an intermediate product of the regrouping according to Arbuzov which corresponds to the first stage of reaction was suggested. Only then a 4-fold excess of metacrylic acid plus catalyst was added. An intensive formation of telomers with a good yield set in immediately. This result proves: 1 .- The formation of an intermediate product, and 2 .- The probability of the telomerization mechanism suggested. Unexplained, however, remains the part of the catalyst as well as that of the mechanism of its influence on telomerization. With the increasing concentration of metacrylic acid the mean molecular

Card 2/3

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20-3-24/59 Telomerization of Metacrylic Acid With Trialkylphosphites

weight of the telomer increases. This is also the case with the increasing concentration of benzoylperoxide. The capability of the intermediate product to enter telomerization makes possible the assumption that the binding P-O is of ion character. From this is deduced a presumable scheme of the structure of this intermediate product. There are 2 references, 1 of which is Slavic.

Kasan! Chemical and Technological Institute imeni. S. M. Kirov, .. (Kazanskiy khimiko-tekhnologicheskiy institut im. ASSOCIATION:

Kann' Br. of the Scientific Research Institute for Cinema and S. M. Kirova). Photography (Kazanskiy filial Nauchno-issledovatel'skogo kinofotoinstituta).

November 13, 1957, by B. A. Arbuzov, Academician PRESENTED:

June 28, 1957 SUBMITTED:

Library of Congress AVAILABLE:

Card 3/3

AUTHORE:

Kukhtin. V. A., Gil'm Kamay,

SOV/79-29-2-72/71

Sinchenko, L. A., Orekhova, K. I.

TITLE:

Affiliation of the Complete Esters of Phosphorous Acid and Phosphinic Acids to Conjugated Systems (Prisoyedineniye polnykh efirov fosforistoy i fosfinistykh kislot k sopryszhennym sistemam). VII. Telomerization of the Methacrylic Acid With Trialkyl Phosphites (VII. Telomerizatsiya metakrilovoy kishinikh kislot k sopryszhennym sistemam).

loty s trialkilfosfitami)

PERIODICAL:

Zhurnal obshchey khimii, 1959, Vol 29, Mr 2, pp 510-515 (USSR)

ABSTRACT:

In continuation of the common reaction of a, \$\beta\$-unsaturated acids and alkyl halides with trialkyl phosphites (Refs 1,2) the authors intended to find the catalyst most suitable for telomerization, to determine the factors which exercise influence upon this reaction and to determine the structure of the telomers obtained. They found that carefully purified triethyl phosphite can telomerize with methacrylic acid also without a catalyst. Temperature does not matter in this connection. The yield is small in this case (Table 1, Experiment 13). However, if a methacrylic acid is used for a while that is

Card 1/3

not stabilized with hydroquinone, the reaction takes place in

Affiliation of the Complete Esters of Phosphorous 50V/79-29-2-32/71 Acid and Phosphinic Acids to Conjugated Systems. VII. Telomerization of the Methacrylic Acid With Trialkyl Phosphites

a very violent manner under intense selfheating and with a high yield of telomers (Table 1, Experiment 12). The trialkyl phosphite that is purified only by separation through distillation does not telomerize with a methacrylic acid that was liberated from the inhibitor immediately before the experiment. It was interesting to know the way in which this telemerization would take place in the presence of triethyl amine and sodium methylate tested by R. M. Connel and H. W. Coover (Ref 3) as catalysts. Yet only small yields were offered by these experiments (Table 1, Experiments 1,2), Also the application of alkyl iodides for telomerization did not quite meet expectations. Benzoyl hydrogen peroxide turned out to be the most favourable catalyst for telomerization. In dependence of the molar ratio of the initial components, on the concentration of the catalyst and the phosphite radical telomers with various average molecular weights were obtained in this telonerization (Table 1). According to previous and the present results it may be assumed that the above-mentioned telomerization takes place according to the scheme mentioned in conclusion

Card 2/3

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Affiliation of the Complete Esters of Phosphorous SOV/79-29-2-32/71 Acid and Phosphinic Acids to Conjugated Systems. VII. Telomerization of the Methacrylic Acid With Trialkyl Phosphites

Thus, the structure of telomers resulting from the telomerization of methacrylic acid with trialkyl phosphites was investigated and a scheme of reaction was suggested in addition. There are 2 tables and 3 references, 2 of which are Soviet.

ASSOCIATION:

Kazanskiy khimiko-tekhnologicheskiy institut (Kazan' Institute

of Chemical Technology)

经过度运动证据,并且中国的经验的特别,但是一个人的,但是一个人的,但是一个人的,但是一个人的,但是一个人的,我们也是一个人的,我们是一个人的,我们也是一个人的,

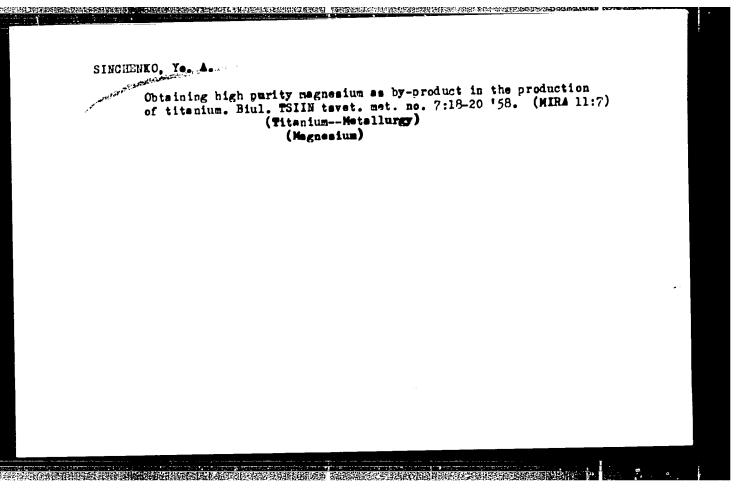
SUBMITTED:

December 26, 1957

Card 3/3

(m)/(m)/(m)/(m)/(m)/(m)
L 11557-66 EWT(d)/EWT(1)/EWP(m)/EWT(m)/EWP(w)/EWA(d)/EWP(v)/EWP(k)/FCS(k)/EWA(h)/ETC(m)-6 ACC NR: AP6005011 EWA(1) LJP(c) SOURCE CODE: UR/0208/66/006/001/0121/0129 LDL/FM/EM/EM/EM
ACC NR. AP6005011 EWA(1) LJP(c) Storke Copp. WW/EM/RM AUTHOR: Lunev, V. V. (Moscow); Pavlov, V. G. (Moscow); Sinchenko, S. G. (Moscow)
ORG: none
ORG: none TITLE: Hypersonic, equilibrium dissociating air flow past a sphere SOURCE: Zhurnal vychislitel'noy matematiki i matematicheskoy fiziki, v. 6, no. 1,
SOURCE: Zhurnal vychisitter hoy man
TOPIC TAGS: aerodynamics, hypersonic flow, equilibrium flow, dissociated gas, difference method, shock wave, sonic line
ABSTRACT: A method is described for calculating a hypersonic flow of the different flow
problem used by Vaglio-Laurin and Ferri is applied to the analysis an arbitrary problem used by Vaglio-Laurin and Ferri is applied to the analysis an arbitrary problem used by Vaglio-Laurin and Ferri is applied to the analysis an arbitrary problem used by Vaglio-Laurin and Ferri is applied to the analysis and arbitrary problem used by Vaglio-Laurin and Ferri is applied to the analysis and arbitrary problem used by Vaglio-Laurin and Ferri is applied to the analysis and arbitrary problem used by Vaglio-Laurin and Ferri is applied to the analysis and arbitrary problem used by Vaglio-Laurin and Ferri is applied to the analysis and arbitrary problem used by Vaglio-Laurin and Ferri is applied to the analysis and arbitrary problem used by Vaglio-Laurin and Ferri is applied to the analysis and arbitrary problem used by Vaglio-Laurin and Ferri is applied to the analysis and arbitrary problem used by Vaglio-Laurin and Ferri is applied to the analysis and arbitrary problem used by Vaglio-Laurin and Ferri is applied to the analysis and arbitrary problem used by Vaglio-Laurin and Ferri is applied to the analysis and arbitrary problem used by Vaglio-Laurin and Ferri is applied to the analysis and arbitrary problem used by Vaglio-Laurin and Ferri is applied to the analysis and arbitrary problem used by Vaglio-Laurin and Ferri is applied to the analysis and arbitrary problem used by Vaglio-Laurin and Ferri is applied to the analysis and arbitrary problem arbitrary problem and arbitrary problem a
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characteristics with the coloulations of the hypersonic tank agonto 7500 m/sac and
arbitrary equation of state. Calculation of velocities V_{∞} from 3000 W position are dissociating air past a sphere in the range of velocities V_{∞} from 3000 W position 10 to density ρ_{∞} from 4 x 10 ⁻⁴ to 3 x 10 ⁻⁷ gr/cm ³ (which corresponds to altitudes from 10 to density ρ_{∞} from 4 x 10 ⁻⁴ to 3 x 10 ⁻⁷ gr/cm ³ (which corresponds to altitudes from 10 to density ρ_{∞} from 4 x 10 ⁻⁴ to 3 x 10 ⁻⁷ gr/cm ³ (which corresponds to altitudes from 10 to density ρ_{∞} from 4 x 10 ⁻⁴ to 3 x 10 ⁻⁷ gr/cm ³ (which corresponds to altitudes from 10 to density ρ_{∞} from 4 x 10 ⁻⁴ to 3 x 10 ⁻⁷ gr/cm ³ (which corresponds to altitudes from 10 to density ρ_{∞} from 4 x 10 ⁻⁴ to 3 x 10 ⁻⁷ gr/cm ³ (which corresponds to altitudes from 10 to density ρ_{∞} from 4 x 10 ⁻⁴ to 3 x 10 ⁻⁷ gr/cm ³ (which corresponds to altitudes from 10 to density ρ_{∞} from 4 x 10 ⁻⁴ to 3 x 10 ⁻⁷ gr/cm ³ (which corresponds to altitudes from 10 to density ρ_{∞} from 4 x 10 ⁻⁴ to 3 x 10 ⁻⁷ gr/cm ³ (which corresponds to altitudes from 10 to density ρ_{∞} from 4 x 10 ⁻⁴ to 3 x 10 ⁻⁷ gr/cm ³ (which corresponds to altitudes from 10 to density ρ_{∞} from 4 x 10 ⁻⁴ to 3 x 10 ⁻⁷ gr/cm ³ (which corresponds to altitudes from 10 to density ρ_{∞} from 4 x 10 ⁻⁴ to 3 x 10 ⁻⁷ gr/cm ³ (which corresponds to altitudes from 10 to density ρ_{∞} from 4 x 10 ⁻⁴ to 3 x 10 ⁻⁷ gr/cm ³ (which corresponds to altitudes from 10 to density ρ_{∞} from 20 to density ρ_{∞} from 20 to density ρ_{∞} from 3000 ρ_{∞} from 10 to density ρ_{∞} from 20 to d
Card 1/2

crentry bre	cise	about 230°K. formulas ar in good agr	e compared	with exist	tino an	nroximate	hunore	onfe	theories:	
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PLUZHNIKOV, V.Kh.; SINCHESKUL, B.F.; CHAYKOVSKIY, E.F.

Determining the individual error of the observer in evaluating the passing of an artificial earth satellite through the AT

thread. TSir, Astron. obser. Khar. un. no. 24:33-35 no. 24:33-35 (MIRA 15:3)

(Artificial satellites--Tracking)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550720016-4"

RUMANIA

Ar. POPESCU, V. TICAN and B. SINCHIEVICI. Institute of Inframicrobiology and Institute for Veterinary Research and Vaccines (Institutui de cercetari veterinare si biopreparate) "Pasteur," [Bucharest.]

"Immunizing Value of Vaccine Against Rubarth Disease at Various Times Following Its Manufacture."

Bucharest, Studii si cercetari de inframicrobiologie, Vol 14, No 3, 1963; pp 335-340.

Abstract [English summary modified]: Vaccine against canine infectious hepatitis was prepared from trypsinized tissue culture cells, with slight changes in preparation technique versus standard Rumanian (Surdan et al.) by decreasing A10H below 66%, increasing formalin. Effectiveness was tested by protection afforded to 3 - 6 puppies inoculated with agent and compared to controls, after 10, 180, 315 days following vaccine manufacture. Effectiveness was only slightly decreased after 10.5 months. Two tables; 1 Soviet, 5 Rumanian, 1 Hungarian, 10 Western references.

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SCY/175-58-6-2/41

Our Experience in Preparation Fire and Driving

In the model section, e.g. that under officer I.P. Bondarenko, competitive fire practice has been introduced. A tank commander, Technical Sergeant Lutsenko started a competition for hitting the target with the first round. In connection with this, the author underlines the part played by the personal example of a commander. A lot of attention must also be paid to training equipment. In regard to preparation fire, the author again stresses the importance of a training center for driving with the necessary technical facilities. In the companies, under officers V.A. Baranov, B.V. Rodin, L.F. Zemnitskiy, B.F. Danilov and others, the highest training standard has been achieved. The company considers that only fully trained men should be at the controls. In conclusion the author states that acquiring advanced experience must be the final aim of all formations. There are 2 photographs.

Card 2/2

IVLIYEV, L.A.; SINCHILINA, Ye.M.

Tussock moth and its effect on the fluctuation in the abundance of the tent caterpillar in the Amur Valley. Vop. ekol. 7:65-67 '62. (MIRA 16:5)

1. Dal'nevostochnyy filial Sibirskogo otdeleniya AN SSSR, Vladivostok.

。 第一个人,我们是我们的对话是我们的人,我们就是我们的人,我们们们的人,我们们们就没有我们的人,我们就是我们的人,我们就是我们,我们就是我们的人,我们就是我们就是

(Amur Valley-Tussock moth)
(Amur Valley-Tent caterpillars)

SINCHKOVCKAYA, M. V.

Chemistry - Study and Teaching

More active participation in the study of chemistry in the 7th class. Khim. v shkole no. 3, 1952.

Monthly List of Russian Accessions, Library of Congress Movember 1952 Unclassified

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1	HILLY	وتناث	1.1 . 3	٠

- 2. USSR (600)
- 4. School Discipline
- 7. Discipline during the lesson. Sem'ia i shkola 8, No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Unclassified.

AID P - 4034

Subject

: USSR/Power

Card 1/1

Pub. 26 - 23/31

Author

: Sin'chugov, F. I., Eng.

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Title

Elimination of the dead voltage zone in relay protection system of the P3-156 type with a time lag in the first

zone.

Periodical

: Elek. sta., 11, 56, N 1955

Abstract

: A brief description of the advantages of the relay

protection system of this type. One diagram.

Institution:

None

Submitted: No date

Sin'CHUGOV, F.I., inzh.

Use of a group-type shunting reactor. Elek. sta. 33 nc.5;88-89
My '62.

(Electric substations) (Electric reactors)

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Use of electric reactors in parallel operation in step-down substations. Elek. sta. 33 no.7:57-59 Jl '62. (M.RA 15:8) (Electric reactors) (Electric substations)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550720016-4"

SIN'CHUGOW, F.1., inzh.

Concerning N.S. Shabalin's article "Overall automation and remote control in 35-110 kv. power distribution substations." Elektrichestvo no.11:80-83 N '63.

(MIRA 16:11)

SIN'CHUGOV, F.I., inzh.

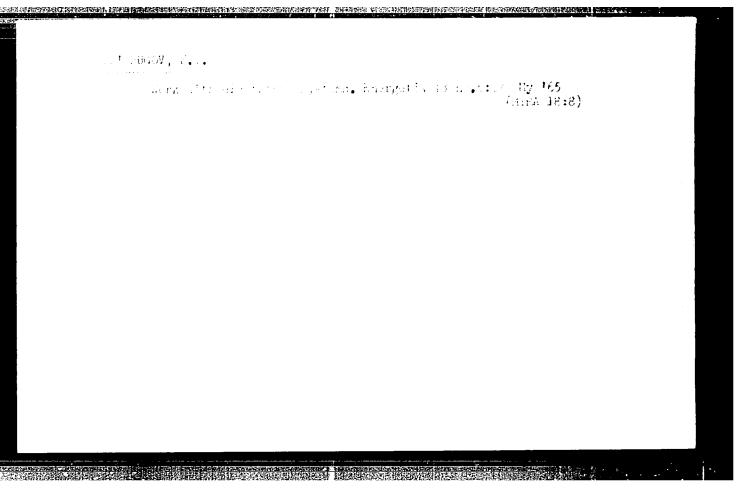
Blocking of the grounding blades in high-voltage electric power distribution devices. Elek. sta. 34 no.1:88-89

Ja 163. (MIRA 16:2)

(Electric power distribution)
(Electric cutouts)

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APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550720016-4"



ACC 106. A. 1001/1991 SOURCE CODE: UR/0104/66/009/00/0/095/0096 AUTHOR: Chupralov, N. M.; Corovoy, A. A.; Postnikov, N. A.; Malychev, A. A.; Magidson, C. M.; Sin'chugov, Z. i.; Zeylidzon, Ye. D.; Barchaninov, G. S.; Vermolenko, V. M.; Vasil'yev, A. A.; Sokolov, N. I.; Ul'yanov, A. S.; Fedoseyev, A. M.; Sarkisov, M. A.; Rokotyan, S. S.; Azar'yev, D. I.; Arson, G. S.; Dubinskiy, L. A.; Zhulin, I. V.; Kolpakova, A. I.; Antoshin, N. N. Frikunchik, A. B.; Kuchkin, M. D.; Preobrazhenskiy, N. Ye.; Rout, M. A.; Sheyfits, M. E.; Sharov, A. N.; Yakub, Yu. A.; Gorbunov, N. I.; Shurmukhin, V. A.; Beschinskiy, A. A. ORG: none TITLE: Boris Sergeyovich Uspenskiy (on his 60th birthday) SCURCE: Elektricheskiye stantsii, no. 8, 1966, 95-96 TOPIC TAGS: hydroelectric power plant, electric engineering personnel. SUB CODE: 10 ABSTRACT: 5. S. Uspenskiy was born in June 1905. He graduated from the State Electric Machine Building Institute in 1928 as an electric installation engineer. He worked in the State Electro-Technical Trust for four years, then in the Ali-Union ElectroTechnical Union, where he planned power construction units. Plans which he made up at that time for the electrical portion of electrical stations and sub-stations are still being used. He was invovied in planning and installation of the electrical portion of hydro-electric power stations and powerful pumping stations in the Moscow-Volga Canal. Euring the war, he was in charge in installation of the Krasnogroskaya Heat and Electric Power Station, the planning of the Urals Hydro-Electric Power Station and other projects. He Card 1/8 0928 1534

LIKHACHEV, Yu.A.; VLADIMIRSKIY, V.S.; MALOVA, E.V.; SHUL'TS (mladshiy), S.S.;
MAKAROVA, Z.A.; SINCHUGOVA, T.A.; CHUYENKO, P.P., red.; FEDOTOVA, M.I.,
vedushchiy red.; DEM'YANENKO, V.I., tekhn.red.

生产的1952年的基础的1969年的1969年的1969年的1969年的1969年的1969年的1969年的1969年的1969年的1969年的1969年的1969年的1969年的1969年的1969年的1969年的19

[Paleozoic tectonics of the Kyzyl Kum basement] Tektonika paleozoiskogo fundamenta Kyzylkumov. Leningrad, Gostoptekhizdat, 1963. 117 p. (Leningrad, Vsesoiuznyi geologicheskii institut. Trudy, vol. 105. Problema neftegazonosnosti Srednei Azii, no.15). (MIRA 17:3)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550720016-4"

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SINCHUK, A.P.
              ENT(d)/ENT(m)/ENP(c)/ENA(d)/ENP(v)/T-2/ENP(t)/ENP(k)/ENP(b)/ENP(1)
 ACCESSION NR AM4046730
                                   BOCK EXPLOITATION
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                                                              MLK
 Samarin, A. M., ed. (Corresponding member, Academy of Sciences, U.S.S.R.)\beta + l
Steel production; handbook (Staleplavil'noye proizvodstvo; spravochnik), t. 2., Moscow, Izd-vo "Metallurgiya", 1964, 1039 p. illus., biblio., tables. Errata slip inserted. 5,850 copies printed.
TOPIC TAGS: steel, open-hearth furnace, quality control, refractory
TABLE OF CONTENTS [abridged]: 16
 Part 5. Thermal engineering
Ch. XV. Fuel and its combustion in an open-hearth furnace (N. I.
   Ivanov) -- 535
Ch. AV. Mechanics of furnace gases in open-hearth furnaces (G. M.
Glistov) -- 554

Ch. XVII. Heat transfer in an open-hearth furnace (S.S. Magideon) -- 575

Ch. XVIII. Thermal operation of an open-hearth furnace (Ye. A. Kapuetip) --
Ch. XIX. Auxiliary thermal equipment in steel production (B. G. Turovskiy)
Card 1/317
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ACCESSION NR AM4046730
Part 9. Thermal processes
Ch. XX. Automatic control and regulation of thermal processes in steel
production (A. P. Kopelovich, A. P. Sinchuk, and M. A. L'vov) -- 630
Ch. XXI. Evaporative cooling of open-hearth furnaces (S. M. Andon'yev) --
Ch. XXII. Hot cooling of open-hearth furnaces (A. I. Tyurin) -- 745
Ch. XXIII. Boilors of open-hearth furnaces (A. I. Perezninskiy) -- 754
Ch. XXIV. Cooling and cleaning converter games (A. I. Berezninskiy) -- 778
    720
Ch. XXV. Supplying steelmaking shops with compressed air (G. A. Timoshko) --
    793
 Ch. XXVI. Supplying steelmaking shops with oil (G. A. Timoshko) -- 807 Part 10. Methods of quality control and testing
Ch. XXVII. Chemical analysis (P. Ya. Yakovlev) -- 818
Ch. XXVIII. Spectral analysis (N. N. Sorokina) -- 840
Ch. XXIX. Melting and delivered quality control of steel (M. I. Vinograd) --
    851
 Ch. XXX. Mechanical testing of metals (P. G. Timoshuk) -- 868
Ch. XXXI. Analysis of gases in metals and alloys (L.L.Kunin, T. Ya.
      Izmanova, and Ye. K. Chistyakova) -- 887
 Ch. XXXII. Determining nonmetallic inclusions and carbides (M. M. Shapiro)
 Cord 2/3
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.ACCESSION NR AM4046730
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Ch. XXXIII. Defectoscopy (V. S. Tokmakov) -- 910
Ch. XXXIV. Use of radioactive isotopes to study the processes of steel
    production -- 924
 Part 11. Design Ch. XXXV. Design of steelmaking shops (G. A. Garbuz and D. T. Hartsinkovskiy)
     -- 932
 Part 12. Economics
 Ch. XXXVI. Technical-economic indicators of steel production (G. V. Vitin
 and A. G. Lifshits) -- 956
Part 13. Transportation, refractories, oxygen, classification and
    characteristics of steels
Ch. XXXVII. Transportation (S. S. Berlyand) -- 980
Ch. XXXVIII. Refractories (M. A. Lur'ye) -- 993
Ch. XXXIX. Oxygor (D. L. Glizmanenko) -- 1009
 Ch. XL. Classification and characteristics of steels (N. V. Matyushina) --
     1020
                                                                            NR REF SOV: 279
                                              SUBMITTED: 30May64
 SUB CODE: MM
 OTHER: 030
 Cord 3/3
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KHASHKOVETS, Irzhi[Haskovec, Jiri], inzh.; KOTEK, Zdenek, inzh.;

MEL'TSER, R.Ye.[translator]; SINCHUK, B.I., nauchnyy red.;

KLIMOVICH, Yu.G., red.; TOKER, A.M., tekhn. red.

[Small-scale automation]Malaia avtomatizatsiia. Moskva,

roftekhizdat, 1961. 197 p. Translated from the Czech.

(MIRA 15:7)

(Automation)

The Market of the state of the

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SINCIC, France (Split)

Essential oils of Dalmatia. Farmaceut gl Zagreb Supplement (18)

no.5;41-42 '62

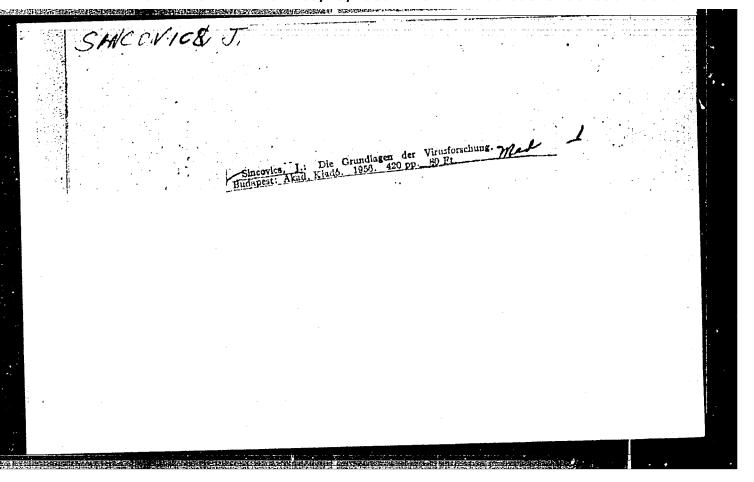
1. "Biljana" Enterprise, Split Branch, Split.
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TGNJACEV, Zivojin; IVANKOVIC, Dragoslav; JANCIC-ZGURICA, Marija; SINCIC, Miodrag; BOSNJAKOVIC, Vladimir; POPOVIC, Radivoje.

Diffuse angiosarcomatosis. Med. pregl. 18 no. 3:75-80 ' 65

1. Patoloski institut Medicinskog fakulteta Univerziteta u Beogradu (Upravnik: Prof. dr. Zivojin Ignjacev); Interno odeljenje Gradske bolnice, Beograd (Upravnik: Prof. dr. Mihajlo Andrejevic).

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SINDALOVSKIY, G.Kh.

Some questions of continuity of measurable functions. Uch. zap.
(MLRA 10:4)

(Functions)

Digale volume, which figures to doing the part in problem of the continuity and distribute the part of the problem of
In the Substitute of $\frac{1}{2}$ burned in the Back of in the Lorentz \mathbf{v} , \mathbf{j} for \mathbf{e}_{v} = 3.55 \mathbf{e}_{v} (1.77)
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AUTHOR:

Sindalovskiy, G.Kh.

30V/38-22-3-7/9

TITLE:

Some Questions Concerning the Continuity and Differentiability of Measurable Functions (Nekotoryye voprosy nepreryvnosti i

differentsiruyemosti izmerimykh funktsiy)

PERIODICAL:

Izvestiya Akademii nauk SSSR, Seriya matematicheskaya, 1958, Vol 22, Nr 3, pp 395-432 (USSR)

ABSTRACT:

Let f(x) be defined on (0,1), finite and measurable according to Lebesgue. Let

$$\Delta_1^{\varphi}(x,h) = f(x - \varphi(h)) - f(x - \varphi(h) - h)$$

$$\Delta_2^{\varphi}(x,h) = f(x - \varphi(h) + h) - 2f(x - \varphi(h)) + f(x - \varphi(h) - h)$$

where $\psi(h)$ is assumed to be defined in the right neighborhood of zero and to be measurable and lim $\psi(h) = 0$.

If in the point x

$$\lim_{h\to\infty} \Delta_1^{\varphi}(x,h) = 0$$

Card 1/3

or

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sov/38-22-3-7/9

Some Questions Concerning the Continuity and Differentiability of Measurable Functions

 $\lim_{h\to\infty}\Delta_2^{\rho}(x,h)=0$

then f(x) is called ψ^1 - or ψ^2 - continuous in x . The ψ - differentiability is defined analogously :

$$f_{\varphi}^{i}(x) = \lim_{h\to\infty} \frac{\Delta_{1}^{\varphi}(x,h)}{h}$$
.

The notions of the symmetric right and left derivatives are contained in the notion of the Υ -derivative. The function f(x) can be Ψ -continuous or Ψ -differentiable for some $\Psi(h)$ and for the others not. The author shows that under certain assumptions on $\Psi(h)$ from the Ψ -continuity on a set E of positive measure it follows the ordinary continuity almost everywhere on E. The existence of the ordinary derivative almost everywhere follows from the Ψ -differentiability . With the aid of numerous interesting examples the author proves the necessity of his assumptions, e.g. he constructs a function which is Ψ -continuous on E and simultaneously discontinuous in the usual sense in each point of E (here the applied Ψ has denu-

Card 2/3

Some Questions Concerning the Continuity and Differentiability of Measurable Functions

SOV/38-22-3-7/9

merably many points of discontinuity).

There are 8 references, 5 of which are Soviet, 1 Polish,

1 American, and 1 French.

PRESENTED: by M.A. Lavrent'yev, Academician

SUBMITTED: May 23, 1957

1. Functions--Measurement 2. Functions--Theory

Card 3/3

86196 \$/055/60/000/005/002/010 C111/C222

THE PROPERTY OF THE PROPERTY O

16,2600 16,2900

AUTHOR: Sindalovskiy, G.Kh.

TITLE: On the Uniform Convergence of a Family of Functions Depending on a Continuously Varying Parameter

PERIODICAL: Vestnik Moskovskogo universiteta Seriya I, matematika, mekhanika, 1960, No 5, pp. 14-18

TEXT: Theorem 1: Let the function $f_h(x)$ be defined in the square $0 \le x \le 1$, $0 < h \le 1$, for every h Lebesgue-measurable as a function of x and for every x continuous in h. If $f_h(x)$ tends to f(x) for $h \to 0$ and all $x \in E \subset (0,1)$,

mes E>0, then there exists a set PCE (the measure of which is arbitrarily little different from mes E) so that on it for h > 0 it converges uniformly $f_h(x) \rightarrow f(x)$

Let $f_h(x)$ have the property β if $\lim_{h\to 0} \sup_{0 < x < 1} \omega_x f_h(x) = 0$ (here $\omega_x f_h(x)$ is the

variation of $f_h(x)$ as a function of x in the point (x,h).

Theorem 2: Let $f_h(x)$ be defined in the square 0 < x < 1, 0 < h < 1 (or only for $x \in E$, $0 \le h \le 1$) and let it have the property f. If $f_h(x)$ for $h \to 0$ tends to Card 1/2

8년3년 3/055/60/000/005/002/010 0111/0222

On the Uniform Convergence of a Family of Functions Depending on a Continuously Varying Parameter

f(x) for all $x \in E \subset (0,1)$, mes $E \supset 0$, then there exists a set PCE the measure of which is arbitrarily little different from mes E so that on P, $f_h(x)$ tends to f(x) uniformly in x for $h \rightarrow 0$.

The author mentions D.F.Yegorov and G.P.Tolstov There are 3 references: Scylet, 1 Polish and ! English.

ASSOCIATION: Kafedra teorii funktsii (Chair of Theory of Functions)
SUBMITTED. December 11. 1959

Card 2/2

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550720016-4"

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SINDALOVSKIY, G.Kh.

One generalization of derived numbers. Izv.Ai SSSR, Ser.mat. 24 (MIRA 13:10)

1. Predstavleno akademikon M.A.Lavrent'yevym. (Aggregates)

SINDALOVSKIY, G.Kh.

Continuity and differentiability with respect to congruent sets.

Dokl. AN SSSR 134 no.6:1305-1306 0 '60. (MIRA 13:10)

1. Predstavleno akademikom P.S.Aleksandrovym. (Aggregates)

SINDALOVSKIT, C.Kh.

Continuity and differentiability relative to congruent sets.

Izv. AN SSSR. Ser. mat. 26 no.1:125-142 Ja-F '62. (MIRA 15:2)

(Aggregates)